

```
11 26 27 28 31
ring nodes:

1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17 18 19 20 21 22 23
chain bonds:

1-11 11-15 26-27 26-28
ring bonds:

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 12-13 12-17 13-14 14-15 15-16 16-17 18-19 18-23 19-20 20-21 21-22 22-23
exact/norm bonds:

1-11 11-15 26-27 26-28
normalized bonds:

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 12-13 12-17 13-14 14-15 15-16 16-17 18-19 18-23 19-20 20-21 21-22 22-23
isolated ring systems:

containing 1: 12: 18:
```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom

22:Atom 23:Atom 24:CLASS 26:CLASS 27:CLASS 28:CLASS 31:CLASS 32:CLASS

G1:CN, [\*1]

Match level :

=>

Uploading C:\Program Files\Stnexp\Queries\10809067.str

chain nodes : 11 26 27 28 31 ring nodes : 1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17 18 19 20 21 22 23 chain bonds : 1-11 11-15 26-27 26-28 ring bonds : 1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 12-13 12-17 13-14 14-15 15-16 16-17 18-19 18-23 19-20 20-21 21-22 22-23 exact/norm bonds : 1-11 11-15 26-27 26-28 normalized bonds : 1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 12-13 12-17 13-14 14-15 15-16 16-17 18-19 18-23 19-20 20-21 21-22 22-23 isolated ring systems : containing 1 : 12 : 18 :

## G1:CN, [\*1]

## Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:CLASS 26:CLASS 27:CLASS 28:CLASS 31:CLASS 32:CLASS

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \* Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss sam SAMPLE SEARCH INITIATED 18:26:20 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 16 TO ITERATE

100.0% PROCESSED 16 ITERATIONS 6 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\* BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS:

80 TO 560 6 TO 266 PROJECTED ANSWERS:

L2 6 SEA SSS SAM L1

=> => s l1 sss ful

FULL SEARCH INITIATED 18:26:55 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 371 TO ITERATE

100.0% PROCESSED 371 ITERATIONS 116 ANSWERS SEARCH TIME: 00.00.01

L3116 SEA SSS FUL L1

=> => s 13

L4 2 L3

=> d 14 1-2 bib, ab, hitstr

```
ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
L4
AN
       2005:1042243 CAPLUS
       143:347193
DN
       Novel 6-(2,6-dichlorophenyl)pyrido[2,3-d]pyrimidine derivatives, their
ΤI
       manufacture, and their use as pharmaceutical agents, especially as src
       tyrosine kinase inhibitors
       Honold, Konrad; Schaefer, Wolfgang; Scheiblich, Stefan
IN
PA
       F. Hoffmann-La Roche A.-G., Switz.
SO
       PCT Int. Appl., 48 pp.
                                                                             lowmon dw.
       CODEN: PIXXD2
DT
       Patent
LΑ
       English
FAN.CNT 1
                                               DATE
                                                                 APPLICATION NO.
                                                                                                    DATE
       PATENT NO.
                                     KIND
                                                                 -----
PI
       WO 2005090344
                                      A1
                                               20050929
                                                                 WO 2005-EP2700
                                                                                                    20050314
            W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
          NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
                   RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
                   MR, NE, SN, TD, TG
                                                                 US 2005-79623 20050314 0DP.
       US 2006014765
                                                20060119
                                      A1
PRAI EP 2004-6051
                                                20040315
                                       А
       MARPAT 143:347193
os
```

AB The invention describes title compds. I, a process for their manufacture, medicaments containing I, manufacture of the medicaments, and the use of I as the

active agents of pharmaceuticals. I show activity as protein kinase inhibitors, in particular as src family tyrosine kinase inhibitors, and may therefore be useful for the treatment of diseases mediated by such tyrosine kinases. I may be used as active agents in the prevention and therapy of, for example, transplant rejection, inflammatory bowel syndrome, rheumatoid arthritis, psoriasis, restenosis, allergic asthma, Alzheimer's disease, Parkinsonism, stroke, osteoporosis, cancer, and benign hyperplasias. I show improved metabolic stability and/or selectivity, together with at least the same activity against src tyrosine kinase as known compds. Claims specifically cover compds. I [wherein: R1. = C(O)NH-alkyl or C(O)N(alkyl)2 [alkyls optionally substituted with: OH, NH(alkyl), N(alkyl)2, NHC(O)-alkyl, C(O)NH-alkyl, C(O)N(alkyl)2, C(O)NH2, O-alkyl, heterocyclyl, NH-heterocyclyl, NHS(O)2-alkyl, S(O)2NH2, or S(0)-alkyl, all alkyls being optionally substituted with OH], or R1 = CN, C(O)NH2, C(O)NH-heterocyclyl, C(O)NHNHC(O)NH2, or C(O)NHNHC(O)-alkyl [which latter alkyl is optionally substituted with NH(alkyl) or N(alkyl)2]; R2 = halo, heterocyclyl, alkyl, NHC(O)-alkyl, NHS(O)2-alkyl, (CH2)mS(O)2NH2, (CH2)mS(O)2N(alky1)2, (CH2)mS(O)2NH(alky1), O-alky1, or S(O) n-alkyl [all alkyls optionally substituted by OH, O-alkyl, NH-alkyl, or N(alkyl)2]; X = CH or N; m = 0, 1, 2, 3, 4, 5, or 6; n = 0, 1, or 2; and pharmaceutically acceptable salts thereof]. Sixteen specific compds. I, which were prepared in examples, are also claimed. Claims also cover preparative processes, medicaments, and uses of I. Prepns. of five compds. I are described in detail. For instance, Grignard reaction of 2,6-dichlorobenzyl bromide with di-Et oxalate gave 2,6-Cl2C6H3CH2COCO2Et,

which underwent alkaline hydrolysis to the acid, and cyclocondensation with 4-amino-2-(methylsulfanyl)pyrimidine-5-carboxaldehyde, to give 6-(2,6-dichlorophenyl)-2-(methylsulfanyl)pyrido[2,3-d]pyrimidine-7-carboxylic acid. Amidation of this acid with (R)-2-(aminomethyl)-1-(tert-butoxycarbonyl)pyrrolidine, followed by S-oxidation of the sulfide, substitution reaction with 4-morpholinoaniline, and removal of the BOC protecting group, gave invention compound II. This compound inhibited src and lck tyrosine kinases in vitro with IC50 values of 0.0004 and 0.0017  $\mu\text{M}$ , resp.

IT 865755-93-7P, 6-(2,6-Dichlorophenyl)-2-[[3-[(2-hydroxyethyl)sulfanyl]phenyl]amino]pyrido[2,3-d]pyrimidine-7-carboxylic acid N-[2-(methanesulfonylamino)ethyl]amide
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(drug candidate; preparation of (dichlorophenyl)pyridopyrimidine derivs. as src tyrosine kinase inhibitors)

RN 865755-93-7 CAPLUS

CN

Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2,6-dichlorophenyl)-2-[[3-[(2-hydroxyethyl)thio]phenyl]amino]-N-[2-[(methylsulfonyl)amino]ethyl]- (9CI) (CA INDEX NAME)

IT **865755-86-8P**, 6-(2,6-Dichlorophenyl)-2-[[4-(2hydroxyethoxy)phenyl]amino]pyrido[2,3-d]pyrimidine-7-carboxylic acid N-(2-hydroxyethyl) amide **865755-87-9p**, 6-(2,6-Dichlorophenyl)-2-[[4-(morpholin-4-yl)phenyl]amino]pyrido[2,3-d]pyrimidine-7-carboxylic acid N-(2-hydroxyethyl) amide **865755-88-0P**, (R)-6-(2,6-Dichlorophenyl)-2-[[4-(2-hydroxyethoxy)phenyl]amino]pyrido[2,3-d]pyrimidine-7-carboxylic acid N-[(pyrrolidin-2-yl)methyl]amide 865755-89-1P, 6-(2,6-Dichlorophenyl)-2-[[4-(morpholin-4-yl)phenyl]amino]pyrido[2,3d]pyrimidine-7-carboxylic acid N-((R)-pyrrolidin-2-ylmethyl)amide **865755-90-4P**, 6-(2,6-Dichlorophenyl)-2-[[4-(morpholin-4yl)phenyl]amino]pyrido[2,3-d]pyrimidine-7-carboxylic acid N-[2-(methanesulfonylamino)ethyl]amide 865755-91-5P, 6-(2,6-Dichlorophenyl)-2-[{4-(2-hydroxyethoxy)phenyl]amino]pyrido[2,3d]pyrimidine-7-carboxylic acid N-[2-(methanesulfonylamino)ethyl]amide **865755-92-6P**, 6-(2,6-Dichlorophenyl)-2-[[3-(methanesulfonylamino)phenyl]amino]pyrido[2,3-d]pyrimidine-7-carboxylic acid N-[2-(methanesulfonylamino)ethyl]amide 865755-94-8P, 6-(2,6-Dichlorophenyl)-2-[[4-(4-methylpiperazin-1yl)phenyl]amino]pyrido[2,3-d]pyrimidine-7-carboxylic acid N-[2-(methanesulfonylamino)ethyl]amide 865755-95-9P, 6-(2,6-Dichlorophenyl)-2-[[3-(methylsulfanyl)phenyl]amino]pyrido[2,3d]pyrimidine-7-carboxylic acid N-[2-(methanesulfonylamino)ethyl]amide 865755-96-0P, 6-(2,6-Dichlorophenyl)-2-[[4-(morpholin-4yl)phenyl]amino]pyrido[2,3-d]pyrimidine-7-carboxylic acid amide

865755-97-1p, 6-(2,6-Dichlorophenyl)-2-[[4-(2-hydroxyethoxy)phenyl]amino]pyrido[2,3-d]pyrimidine-7-carboxylic acid amide 865755-98-2p, 6-(2,6-Dichlorophenyl)-2-[[4-[2-(diethylamino)ethoxy]phenyl]amino]pyrido[2,3-d]pyrimidine-7-carbonitrile 865755-99-3p, 6-(2,6-Dichlorophenyl)-2-[[4-(morpholin-4-yl)phenyl]amino]pyrido[2,3-d]pyrimidine-7-carbonitrile 865756-00-9p, 6-(2,6-Dichlorophenyl)-2-[[4-(2-hydroxyethoxy)phenyl]amino]pyrido[2,3-d]pyrimidine-7-carbonitrile RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of (dichlorophenyl)pyridopyrimidine derivs. as src tyrosine kinase inhibitors)

RN 865755-86-8 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2,6-dichlorophenyl)-2-[[4-(2-hydroxyethoxy)phenyl]amino]-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

RN 865755-87-9 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2,6-dichlorophenyl)-N-(2-hydroxyethyl)-2-[[4-(4-morpholinyl)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 865755-88-0 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2,6-dichlorophenyl)-2-[[4-(2-hydroxyethoxy)phenyl]amino]-N-[(2R)-2-pyrrolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

HO O 
$$\frac{H}{N}$$
  $\frac{H}{N}$   $\frac{H}{N}$   $\frac{H}{N}$   $\frac{H}{N}$   $\frac{H}{N}$ 

RN 865755-89-1 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2,6-dichlorophenyl)-2-[[4-(4-morpholinyl)phenyl]amino]-N-[(2R)-2-pyrrolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 865755-90-4 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2,6-dichlorophenyl)-N-[2-[(methylsulfonyl)amino]ethyl]-2-[[4-(4-morpholinyl)phenyl]amino]- (9CI) (CA INDEX NAME)

$$\begin{array}{c} O \\ \parallel \\ N \\ O \end{array}$$

$$\begin{array}{c} O \\ \parallel \\ \end{array}$$

$$\begin{array}$$

RN 865755-91-5 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2,6-dichlorophenyl)-2-[[4-(2-hydroxyethoxy)phenyl]amino]-N-[2-[(methylsulfonyl)amino]ethyl]- (9CI) (CA INDEX NAME)

RN 865755-92-6 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2,6-dichlorophenyl)-N-[2-[(methylsulfonyl)amino]ethyl]-2-[[3-[(methylsulfonyl)amino]phenyl]amino]-(9CI) (CA INDEX NAME)

RN 865755-94-8 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2,6-dichlorophenyl)-2-[[4-(4-methyl-1-piperazinyl)phenyl]amino]-N-[2-[(methylsulfonyl)amino]ethyl]-(9CI) (CA INDEX NAME)

RN 865755-95-9 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2,6-dichlorophenyl)-N-[2-[(methylsulfonyl)amino]ethyl]-2-[[3-(methylthio)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 865755-96-0 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2,6-dichlorophenyl)-2-[[4-(4-morpholinyl)phenyl]amino]- (9CI) (CA INDEX NAME)

$$\begin{array}{c} O \\ H_2N-C \\ C1 \\ \end{array}$$

RN 865755-97-1 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2,6-dichlorophenyl)-2-[[4-(2-hydroxyethoxy)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 865755-98-2 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carbonitrile, 6-(2,6-dichlorophenyl)-2-[[4-[2-(diethylamino)ethoxy]phenyl]amino]- (9CI) (CA INDEX NAME)

RN 865755-99-3 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carbonitrile, 6-(2,6-dichlorophenyl)-2-[[4-(4-morpholinyl)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 865756-00-9 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carbonitrile, 6-(2,6-dichlorophenyl)-2-[[4-(2-hydroxyethoxy)phenyl]amino]- (9CI) (CA INDEX NAME)

IT **865756-10-1P**, (R)-6-(2,6-Dichlorophenyl)-2-[[4-(morpholin-4-yl)phenyl]amino]pyrido[2,3-d]pyrimidine-7-carboxylic acid

N-[[1-(tert-butoxycarbonyl)pyrrolidin-2-yl]methyl]amide

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of (dichlorophenyl)pyridopyrimidine derivs. as src tyrosine kinase inhibitors)

RN 865756-10-1 CAPLUS

CN 1-Pyrrolidinecarboxylic acid, 2-[[[[6-(2,6-dichlorophenyl)-2-[[4-(4-morpholinyl)phenyl]amino]pyrido[2,3-d]pyrimidin-7-yl]carbonyl]amino]methyl]-, 1,1-dimethylethyl ester, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
L4
AN
      2004:817892 CAPLUS
DN
      141:332208
      Preparation of pyrido[2,3-d]pyrimidin-7-carboxylic acid amide derivatives
TI
      as Src family tyrosine kinase inhibitors
      Honold, Konrad; Schaefer, Wolfgang; Scheiblich, Stefan
IN
      F. Hoffmann-La Roche A.-G., Switz.
PA
SO
      PCT Int. Appl., 81 pp.
      CODEN: PIXXD2
DT
      Patent
      English
LA
FAN.CNT 1
      PATENT NO.
                               KIND
                                        DATE
                                                      APPLICATION NO.
                               ____
                                                       -----
PΙ
      WO 2004085436
                                A2
                                        20041007
                                                      WO 2004-EP3204
                                                                                    20040326
      WO 2004085436
                                Α3
                                        20041104
           W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
          W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, FS FT FP GR GR HU TE, TT, LU, MC, NL, PL, PT, RO, SE, SI,
                ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
                SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
                TD, TG
      US 2005130984
                                A1
                                        20050616
                                                      US 2004-809<u>067</u>
                                                                                    20040325
      CA 2515605
                                AΑ
                                        20041007
                                                       CA 2004 - \overline{2515605}
                                                                                    20040326
                                        20060118
                                                      EP 2004-723542
      EP 1615921
                                A2
                                                                                    20040326
                AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
                IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK
PRAI EP 2003-7182
                                        20030328
                                Α
                                        20040326
      WO 2004-EP3204
                                W
os
      MARPAT 141:332208
AB
      The title compds. I [R1 = -C(0)NH-alkyl) or -C(0)N(alkyl)2; R2 = halo,
      heterocyclyl, alkyl, -NH-C(0)-alkyl, -NH-SO2-alkyl, etc.] were prepared as
      protein kinase inhibitors, in particular Src family tyrosine kinase
      inhibitors for the treatment of diseases mediated by said tyrosine
      kinases. For example, reaction of 6-(2-bromo-phenyl)-2-(4-morpholin-4-yl-
      phenylamino)-pyrido[2,3-d]pyrimidine-7-carboxylic acid with
      4-amino-piperidine-1-carboxylic acid tert-Bu ester yielded compound II.
      latter inhibits Src family tyrosine kinase with an IC50 = 0.0107 \mu M.
IT
      769193-97-7P 769193-99-9P 769194-00-5P
      769194-02-7P 769194-03-8P 769194-04-9P
      769194-05-0P 769194-06-1P 769194-07-2P
      769194-08-3P 769194-09-4P 769194-10-7P
      769194-11-8P 769194-12-9P 769194-13-0P
      769194-14-1P 769194-15-2P 769194-16-3P
      769194-17-4P 769194-18-5P 769194-19-6P
      769194-20-9P 769194-21-0P 769194-22-1P
      769194-23-2P 769194-24-3P 769194-25-4P
      769194-26-5P 769194-27-6P 769194-28-7P
      769194-29-8P 769194-30-1P 769194-31-2P
      769194-32-3P 769194-33-4P 769194-34-5P
      769194-35-6P 769194-36-7P 769194-37-8P
      769194-38-9P 769194-39-0P 769194-40-3P
      769194-41-4P 769194-42-5P 769194-43-6P
```

```
769194-44-7P 769194-45-8P 769194-46-9P
769194-47-0P 769194-48-1P 769194-49-2P
769194-51-6P 769194-52-7P 769194-53-8P
769194-54-9P 769194-55-0P 769194-56-1P
769194-57-2P 769194-58-3P 769194-59-4P
769194-60-7P 769194-61-8P 769194-62-9P
769194-64-1P 769194-67-4P 769194-81-2P
769194-82-3P 769194-83-4P 769194-84-5P
769194-85-6P 769194-86-7P 769194-87-8P
769194-88-9P 769194-89-0P 769194-90-3P
769194-91-4P 769194-92-5P 769194-93-6P
769194-94-7P 769194-95-8P 769194-96-9P
769194-97-0P 769194-98-1P 769194-99-2P
769195-00-8P 769195-01-9P 769195-02-0P
769195-03-1P 769195-04-2P 769195-05-3P
769195-06-4P 769195-07-5P 769195-08-6P
769195-09-7P 769195-10-0P 769195-11-1P
769195-61-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
   (Preparation of Pyrido[2,3-d]pyrimidin-7-carboxylic acid amide derivs. as
   Src family tyrosine kinase inhibitors)
769193-97-7 CAPLUS
Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[4-(4-
morpholinyl)phenyl]amino]-N-4-piperidinyl- (9CI) (CA INDEX NAME)
```

RN 769193-99-9 CAPLUS

RN

CN

CN Pyrido[2,3-d]pyrimidine-7-carbonitrile, 6-(2-bromophenyl)-2-[[3-(methylsulfonyl)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769194-00-5 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[3-[(2-hydroxyethyl)thio]phenyl]amino]-N-[2-[(methylsulfonyl)amino]ethyl]- (9CI) (CA INDEX NAME)

RN 769194-02-7 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[3-(methylthio)phenyl]amino]-N-(2-pyrrolidinylmethyl)- (9CI) (CA INDEX NAME)

RN 769194-03-8 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[4-(4-morpholinyl)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769194-04-9 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[4-[2-(dimethylamino)ethoxy]phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769194-05-0 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[3-(methylthio)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769194-06-1 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 2-[[4-(aminosulfonyl)phenyl]amino]-6-(2-bromophenyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c}
O \\
H_2N-S \\
O \\
N \\
N \\
N \\
N \\
C-NH_2 \\
Br$$

RN 769194-07-2 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[3-[[(methylamino)sulfonyl]methyl]phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769194-08-3 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[3-[(2-hydroxyethyl)sulfonyl]phenyl]amino]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c}
O & & & & & & \\
N & & & & & \\
HO-CH_2-CH_2-S & & & & \\
O & & & & & \\
N & & & & & \\
O & & & & & \\
\end{array}$$

RN 769194-09-4 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[3-(methylsulfonyl)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769194-10-7 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[2-(dimethylamino)ethyl]-2-[[4-(4-morpholinyl)phenyl]amino]- (9CI) (CA INDEX NAME)

$$Me_2N-CH_2-CH_2-NH-C$$

$$N$$

$$N$$

$$N$$

$$N$$

RN 769194-11-8 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[4-[2-(diethylamino)ethoxy]phenyl]amino]-N-[2-(dimethylamino)ethyl]- (9CI) (CA INDEX NAME)

RN 769194-12-9 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-4-piperidinyl- (9CI) (CA INDEX NAME)

RN 769194-13-0 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[2-(dimethylamino)ethyl]-2-[(4-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} F & O \\ \hline \\ NH & N \\ \hline \\ N & C-NH-CH_2-CH_2-NMe_2 \\ \hline \\ Br & \end{array}$$

RN 769194-14-1 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

RN 769194-15-2 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[3-(dimethylamino)propyl]-2-[(4-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

RN 769194-16-3 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[3-(dimethylamino)-2,2-dimethylpropyl]-2-[(4-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

RN 769194-17-4 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, N-[2-(acetylamino)ethyl]-6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

RN 769194-18-5 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-[2-(methylamino)ethyl]- (9CI) (CA INDEX NAME)

RN 769194-19-6 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxylic acid, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-, 2-(aminocarbonyl)hydrazide (9CI) (CA INDEX NAME)

RN 769194-20-9 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[2-(dimethylamino)ethyl]-2-[(4-fluorophenyl)amino]-N-methyl-(9CI) (CA INDEX NAME)

RN 769194-21-0 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, N-(2-amino-2-oxoethyl)-6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

RN 769194-22-1 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-(1-methyl-4-piperidinyl)- (9CI) (CA INDEX NAME)

RN 769194-23-2 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-[2-(4-morpholinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 769194-24-3 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[2-(dimethylamino)-1-methylethyl]-2-[(4-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

RN 769194-25-4 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-[2-(methylamino)-2-oxoethyl]- (9CI) (CA INDEX NAME)

RN 769194-26-5 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-[2-(2-oxo-1-imidazolidinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 769194-27-6 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-[3-(2-oxo-1-imidazolidinyl)propyl]- (9CI) (CA INDEX NAME)

RN 769194-28-7 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-(3S)-3-pyrrolidinyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 769194-29-8 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-(3R)-3-pyrrolidinyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 769194-30-1 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[2-(dimethylamino)-2-oxoethyl]-2-[(4-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

RN 769194-31-2 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-[3-(methylamino)propyl]- (9CI) (CA INDEX NAME)

RN 769194-32-3 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-[3-(4-morpholinyl)propyl]- (9CI) (CA INDEX NAME)

RN 769194-33-4 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-[2-(1-methyl-2-pyrrolidinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 769194-34-5 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-(3R)-3-piperidinyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 769194-35-6 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, N-1-azabicyclo[2.2.2]oct-3-yl-6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

RN 769194-36-7 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-[2-(2-pyridinylamino)ethyl]- (9CI) (CA INDEX NAME)

RN 769194-37-8 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, N-[2-(aminosulfonyl)ethyl]-6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

RN 769194-38-9 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-(3-hydroxypropyl)- (9CI) (CA INDEX NAME)

RN 769194-39-0 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-[2-(1H-imidazol-4-yl)ethyl]- (9CI) (CA INDEX NAME)

RN 769194-40-3 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-[2-(methylsulfinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 769194-41-4 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[(1,5-dimethyl-1H-pyrazol-3-yl)methyl]-2-[(4-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

RN 769194-42-5 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, N-[[4-(aminocarbonyl)-1H-pyrazol-3-yl]methyl]-6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

RN 769194-43-6 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-[2-[(2-hydroxyethyl)sulfinyl]ethyl]- (9CI) (CA INDEX NAME)

RN 769194-44-7 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[2-(methylamino)ethyl]-2-[(4-(4-morpholinyl)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769194-45-8 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

RN 769194-46-9 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxylic acid, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-, 2-[(dimethylamino)acetyl]hydrazide (9CI) (CA INDEX NAME)

RN 769194-47-0 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-(3S)-3-piperidinyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 769194-48-1 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-[(2R)-2-pyrrolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 769194-49-2 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-1H-pyrazol-3-yl- (9CI) (CA INDEX NAME)

RN 769194-51-6 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carbonitrile, 6-(2-bromophenyl)-2-[[4-(4-morpholinyl)phenyl]amino]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 769194-50-5

CMF C24 H19 Br N6 O

CM 2

CRN 76-05-1

CMF C2 H F3 O2

RN 769194-52-7 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carbonitrile, 6-(2-bromophenyl)-2-[[4-[2-(diethylamino)ethoxy]phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769194-53-8 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carbonitrile, 6-(2-bromophenyl)-2-[[4-(2-hydroxyethoxy)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769194-54-9 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carbonitrile, 6-(2-bromophenyl)-2-[[4-[2-(ethylamino)ethoxy]phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769194-55-0 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carbonitrile, 6-(2-bromophenyl)-2-[[3-(methylthio)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769194-56-1 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carbonitrile, 6-(2-bromophenyl)-2-[[3-[(2-hydroxyethyl)sulfonyl]phenyl]amino]- (9CI) (CA INDEX NAME)

$$HO-CH_2-CH_2-S$$
 $O$ 
 $NH$ 
 $N$ 
 $N$ 
 $N$ 
 $CN$ 
 $Br$ 

RN 769194-57-2 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[2-

[(methylsulfonyl)amino]ethyl]-2-[[4-(4-morpholinyl)phenyl]amino]- (9CI)
(CA INDEX NAME)

RN 769194-58-3 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[2-[(methylsulfonyl)amino]ethyl]-2-[[3-[(methylsulfonyl)amino]phenyl]amino]-(9CI) (CA INDEX NAME)

RN 769194-59-4 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[4-(2-hydroxyethoxy)phenyl]amino]-N-[2-[(methylsulfonyl)amino]ethyl]- (9CI) (CA INDEX NAME)

RN 769194-60-7 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[4-(4-methyl-1-piperazinyl)phenyl]amino]-N-[2-[(methylsulfonyl)amino]ethyl]- (9CI) (CA INDEX NAME)

RN 769194-61-8 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(3-methoxyphenyl)amino]-N-[2-[(methylsulfonyl)amino]ethyl]- (9CI) (CA INDEX NAME)

RN 769194-62-9 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 2-[[3-(acetylamino)phenyl]amino]-6-(2-bromophenyl)-N-[2-[(methylsulfonyl)amino]ethyl]- (9CI) (CA INDEX NAME)

RN 769194-64-1 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[3-[(2-hydroxyethyl)sulfinyl]phenyl]amino]-N-[2-[(methylsulfonyl)amino]ethyl]-(9CI) (CA INDEX NAME)

RN 769194-67-4 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-(2-hydroxyethyl)-2-[[3-(hydroxymethyl)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769194-81-2 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[3-(methylthio)phenyl]amino]-N-[(2S)-2-pyrrolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 769194-82-3 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[4-(4-morpholinyl)phenyl]amino]-N-[(2S)-2-pyrrolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 769194-83-4 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[4-(4-morpholinyl)phenyl]amino]-N-[(2R)-2-pyrrolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 769194-84-5 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[4-(4-morpholinyl)phenyl]amino]-N-[2-(1H-1,2,3-triazol-1-yl)ethyl]- (9CI) (CA INDEX NAME)

RN 769194-85-6 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[2-(1H-imidazol-4-yl)ethyl]-2-[[4-(4-morpholinyl)phenyl]amino]- (9CI) (CA INDEX NAME)

$$\begin{array}{c}
H \\
N \\
\end{array}$$

$$\begin{array}{c}
CH_2 - CH_2 - NH - C \\
\end{array}$$

$$\begin{array}{c}
N \\
N \\
\end{array}$$

$$\begin{array}{c}
N \\
N \\
\end{array}$$

$$\begin{array}{c}
N \\
\end{array}$$

$$\begin{array}{c}
N \\
\end{array}$$

RN 769194-86-7 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[4-(4-morpholinyl)phenyl]amino]-N-(3S)-3-piperidinyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 769194-87-8 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[3-(methylthio)phenyl]amino]-N-(3S)-3-piperidinyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 769194-88-9 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, N-[2-(aminosulfonyl)ethyl]-6-(2-bromophenyl)-2-[[4-(4-morpholinyl)phenyl]amino]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c}
O & O & O \\
H_2N-S-CH_2-CH_2-NH-C & N & NH-C \\
O & O & O & O \\
O & O &$$

RN 769194-89-0 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, N-[2-(aminosulfonyl)ethyl]-6-(2-bromophenyl)-2-[[3-(methylthio)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769194-90-3 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-(2-hydroxyethyl)-2-[[4-(4-morpholinyl)phenyl]amino]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \mathsf{O} & & & \\ \mathsf{O} & & & \\ \mathsf{N} & & \mathsf{N} \\ \mathsf{Br} & & & \\ \mathsf{Br} & & & \\ \end{array}$$

RN 769194-91-4 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[2-(dimethylamino)propyl]-2-[(4-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

RN 769194-92-5 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[(2S)-2,3-dihydroxypropyl]-2-[(4-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 769194-93-6 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[(2R)-2,3-dihydroxypropyl]-2-[(4-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 769194-94-7 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]- (9CI) (CA INDEX NAME)

RN 769194-95-8 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-[(2S)-2-pyrrolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 769194-96-9 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[2-(dimethylamino)ethyl]-2-[[3-(methylthio)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769194-97-0 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[4-[2-(dimethylamino)ethoxy]phenyl]amino]-N-[2-(dimethylamino)ethyl]- (9CI) (CA INDEX NAME)

RN 769194-98-1 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-[2-(methylamino)ethyl]-2-[[3-(methylthio)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769194-99-2 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-(1-methyl-1H-pyrazol-5-yl)- (9CI) (CA INDEX NAME)

RN 769195-00-8 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, N-[4-(aminocarbonyl)-1H-pyrazol-3-yl]-6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]- (9CI) (CA INDEX NAME)

RN 769195-01-9 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carbonitrile, 6-(2-bromophenyl)-2-[[3-(methylsulfinyl)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769195-02-0 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[[3-(hydroxymethyl)phenyl]amino]-N-[2-[(methylsulfonyl)amino]ethyl]- (9CI) (CA INDEX NAME)

RN 769195-03-1 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-2-[(4-fluorophenyl)amino]-N-2-piperidinyl- (9CI) (CA INDEX NAME)

RN 769195-04-2 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-(2-hydroxyethyl)-2-[[4-(methylthio)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769195-05-3 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-(2-hydroxyethyl)-2-[[3-(methylthio)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769195-06-4 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-(2-hydroxyethyl)-2-[[3-[[(2-hydroxyethyl)amino]sulfonyl]phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769195-07-5 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, 6-(2-bromophenyl)-N-(2-hydroxyethyl)-2-[[4-[[(2-hydroxyethyl)amino]sulfonyl]phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769195-08-6 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, N-[2-(aminosulfonyl)ethyl]-6-(2-bromophenyl)-2-[[4-(methylthio)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769195-09-7 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, N-[2-(aminosulfonyl)ethyl]-6-(2-bromophenyl)-2-[[4-(2-hydroxyethoxy)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769195-10-0 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, N-[2-(aminosulfonyl)ethyl]-6-(2-bromophenyl)-2-[[3-(methylsulfonyl)phenyl]amino]- (9CI) (CA INDEX NAME)

RN 769195-11-1 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, N-[2-(aminosulfonyl)ethyl]-6-(2-bromophenyl)-2-[[3-(hydroxymethyl)phenyl]amino]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c}
 & O & O \\
 & | & O \\
 &$$

RN 769195-61-1 CAPLUS

CN Pyrido[2,3-d]pyrimidine-7-carboxamide, N-[2-(aminosulfonyl)ethyl]-6-(2-

bromophenyl)-2-[[3-(methylsulfinyl)phenyl]amino]- (9CI) (CA INDEX NAME)

$$Me-S \longrightarrow NH \longrightarrow NH \longrightarrow NH \longrightarrow C-NH-CH_2-CH_2-S-NH_2$$

$$0 \longrightarrow NH \longrightarrow NH \longrightarrow NH \longrightarrow C-NH-CH_2-CH_2-S-NH_2$$

## IT 769194-77-6P 769194-78-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(Preparation of Pyrido[2,3-d]pyrimidin-7-carboxylic acid amide derivs. as Src family tyrosine kinase inhibitors)

RN 769194-77-6 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[6-(2-bromophenyl)-2-[[4-(4-morpholinyl)phenyl]amino]pyrido[2,3-d]pyrimidin-7-yl]carbonyl]amino]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 769194-78-7 CAPLUS

CN 1-Pyrrolidinecarboxylic acid, 2-[[[[6-(2-bromophenyl)-2-[[3-(methylthio)phenyl]amino]pyrido[2,3-d]pyrimidin-7-yl]carbonyl]amino]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

=> => d his

(FILE 'HOME' ENTERED AT 18:25:50 ON 19 MAR 2006)

FILE 'REGISTRY' ENTERED AT 18:25:55 ON 19 MAR 2006

L1STRUCTURE UPLOADED

6 S L1 SSS SAM L2

116 S L1 SSS FUL L3

FILE 'CAPLUS' ENTERED AT 18:27:01 ON 19 MAR 2006

2 S L3 L4

FILE 'CAOLD' ENTERED AT 18:27:26 ON 19 MAR 2006

=> s 13

0 L3 L5

=> log y

SINCE FILE TOTAL ENTRY SESSION 0.44 178.71 COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE

TOTAL
SESSION
0.00 -1 ENTRY

CA SUBSCRIBER PRICE

STN INTERNATIONAL LOGOFF AT 18:27:38 ON 19 MAR 2006